INTERNATIONAL SEARCH REPORT

Int tional Application No
PCT/EP 00/08371

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07H19/04 C07H21/00 C07H19/10 C07H19/20 C12Q1/68
C12N15/11

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07H C12Q C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data, PAJ, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	M.ACEDO ET AL.: "Synthesis and Biophysical and Biological Properties of Oligonucleotides Containing 2-Aza-2'-deoxyinosine" JOURNAL OR ORGANIC CHEMISTRY, vol. 60, no. 20, 1995, pages 6262-6269, XP000971913 60 cited in the application the whole document, but especially page 6263, figure 1 --- -/--	1-4,7, 10-14, 19-25

[X] Further documents are listed in the continuation of box C. [ ] Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
13 February 2001	26/02/2001

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Scott, J

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	R.ERITJA ET AL.: "Preparation of Oligonucleotides Containing Non-Natural Base Analogues." NUCLEOSIDES AND NUCLEOTIDES, vol. 14, no. 3-5, 1995, pages 821-824, XP000971912 page 821, compound 1, 2-azahypoxanthine; page 822, line 4, 2'-deoxy-2-azainosine; page 822, lines 6,7; page 823, figure 1 ---	1-4,7, 10-14, 24,25
X	D.FERNANDEZ-FORNER ET AL.: "Preparation of Oligonucleotides Containing dAICA Using an Unexpected Side-Reaction Observed on a Projected Derivative of 2-Aza-2'-Deoxyinosine." TETRAHEDRON, vol. 47, no. 42, 1991, pages 8917-8930, XP000978346 the whole document ---	1-4,7, 10-14, 24,25
X	L.L.BENNETT ET AL.: "Nucleosides of 2-Aza-Purines - Cytotoxicities and Activities as Substrates for Enzymes Metabolizing Purine Nucleosides." BIOCHEMICAL PHARMACOLOGY, vol. 25, no. 5, 1976, pages 517-521, XP000978454 page 518; table 2 ---	13
X	MONTGOMERY J A ET AL: "NUCLEOSIDES OF 2-AZAPURINES. 7H-IMIDAZO4,5-D-1,2,3-TRIAZINES" JOURNAL OF MEDICINAL CHEMISTRY,AMERICAN CHEMICAL SOCIETY. WASHINGTON,US, vol. 18, no. 6, 1975, pages 564-567, XP000971950 ISSN: 0022-2623 page 564, compound Vd. ---	13
X	J.C.BUSSOLARI ET AL.: "The Synthesis and Biological Evaluation of 4-p-Nitrobenzylthio-v-triazolo(4,5-d)pyrod azine and Imidazo(4,5-d)pyridazine Ribosides as Potential Nucleoside Transport Inhibitors." BIOORGANIC & MEDICINAL CHEMISTRY , vol. 4, no. 10, 1996, pages 1725-1731, XP000978366 the whole document --- -/--	13

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Int. ional Application No
PCT/EP 00/08371

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	J.A.CARBON: "Synthesis of Some Imidazo(4,5-d)pyridazines and Imidazo(4,5-d)triazolo(4,3-b)pyridazines." JOURNAL OF ORGANIC CHEMISTRY., vol. 25, no. 4, 3 May 1960 (1960-05-03), pages 579-582, XP002160096 AMERICAN CHEMICAL SOCIETY. EASTON., US ISSN: 0022-3263 page 579, compound Va. ---	13
X	Z KAZIMIERCZUK ET AL.: "Stereoselective Synthesis of 2-Azapurine 2'-Deoxy-B-D-ribonucleosides by Nucleobase-Anion Glycosylation." LIEBIGS ANNALEN DER CHEMIE., no. 7, 1990, pages 647-651, XP002160097 VERLAG CHEMIE GMBH. WEINHEIM., DE ISSN: 0170-2041 page 647, compounds 3 and 5; page 648, compounds 6-8,10 ---	13
A	P.P.SAUNDERS ET AL.: "Mechanisms of 5-(3,3-Dimethyl-1-triazeno)imidazole-4-carboxamide (Dicarbazine) Cytotoxicity Toward Chinese Hamster Ovary Cells in Vitro are Dictated by Incubation Conditions." CHEMICO-BIOLOGICAL INTERACTIONS, vol. 58, no. 3, 1986, pages 319-331, XP000978439 p.320, 2-azaATP ---	30
P,X	T.SUGIYAMA ET AL.: "2-Aza-2'-Deoxyadenosine : Synthesis, Base-Pairing Selectivity, and Stacking Properties of Oligonucleotides." CHEMISTRY A EUROPEAN JOURNAL, vol. 6, no. 2, 17 January 2000 (2000-01-17), pages 369-378, XP000971911 the whole document ---	1-35
P,X	CHEMICAL ABSTRACTS, vol. 133, no. 7, 14 August 2000 (2000-08-14) Columbus, Ohio, US; abstract no. 89731z, r.SEELA ET AL.: "Synthesis, Base Pairing and Stacking Properties of Oligonucleotides Containing 2-Aza-2'-deoxyadenosine." page 700; column 1; XP002160098 abstract & COLLECT. SYMP. SER., no. 2, 1999, pages 124-128, -----	1-35

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